

Fig. 1

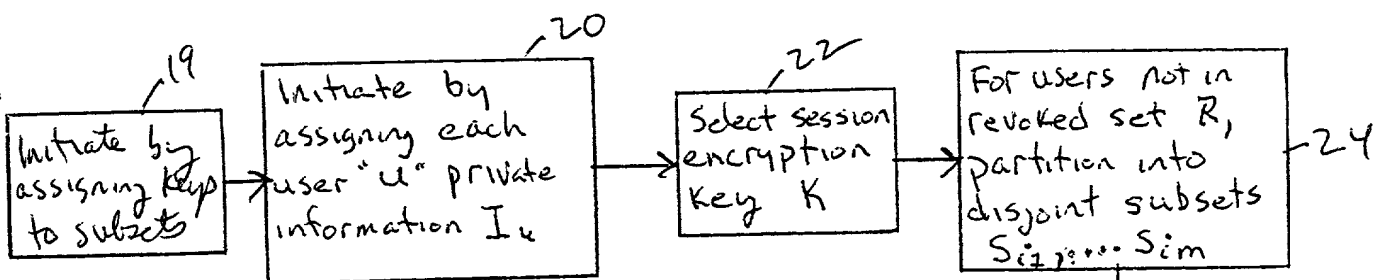
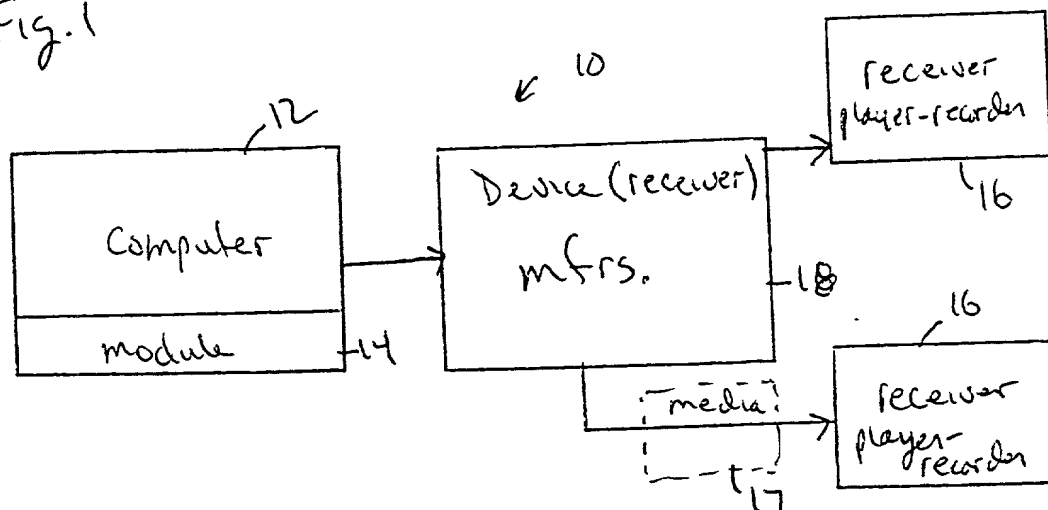


Fig. 2

overall flow -
initialization and
encryption

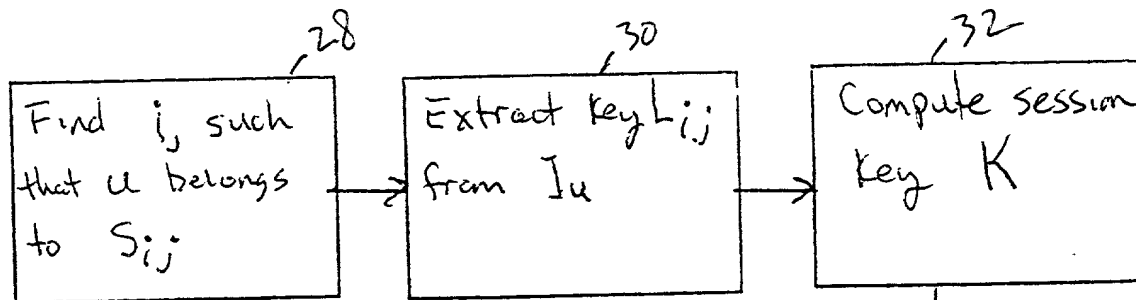
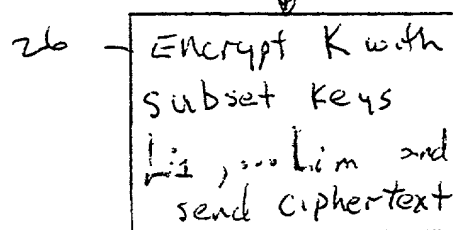
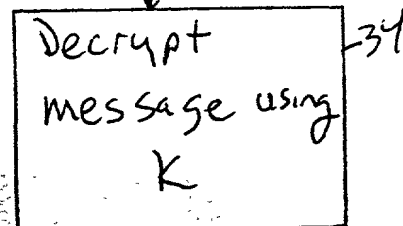


Fig. 3

overall flow -
decryption
(at each receiver u)



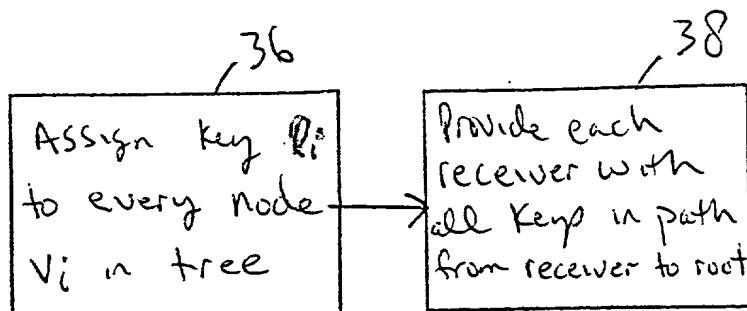


Fig. 4 - Key assignment, Complete Subtree

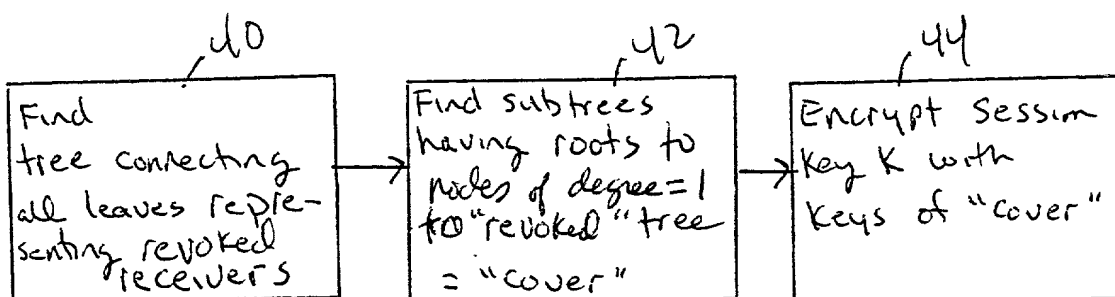


Fig. 5 - Complete Subtree encryption using "cover"

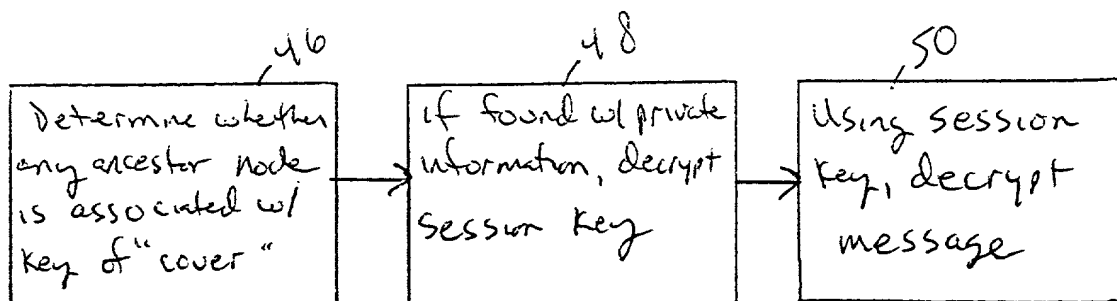
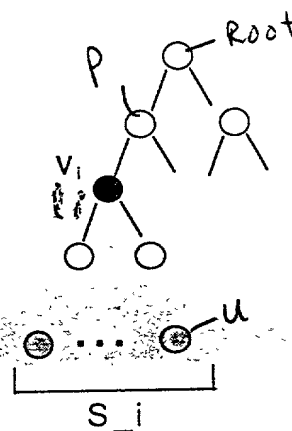


Fig. 6 - Complete Subtree Decryption

Fig. 7
Complete Subtree



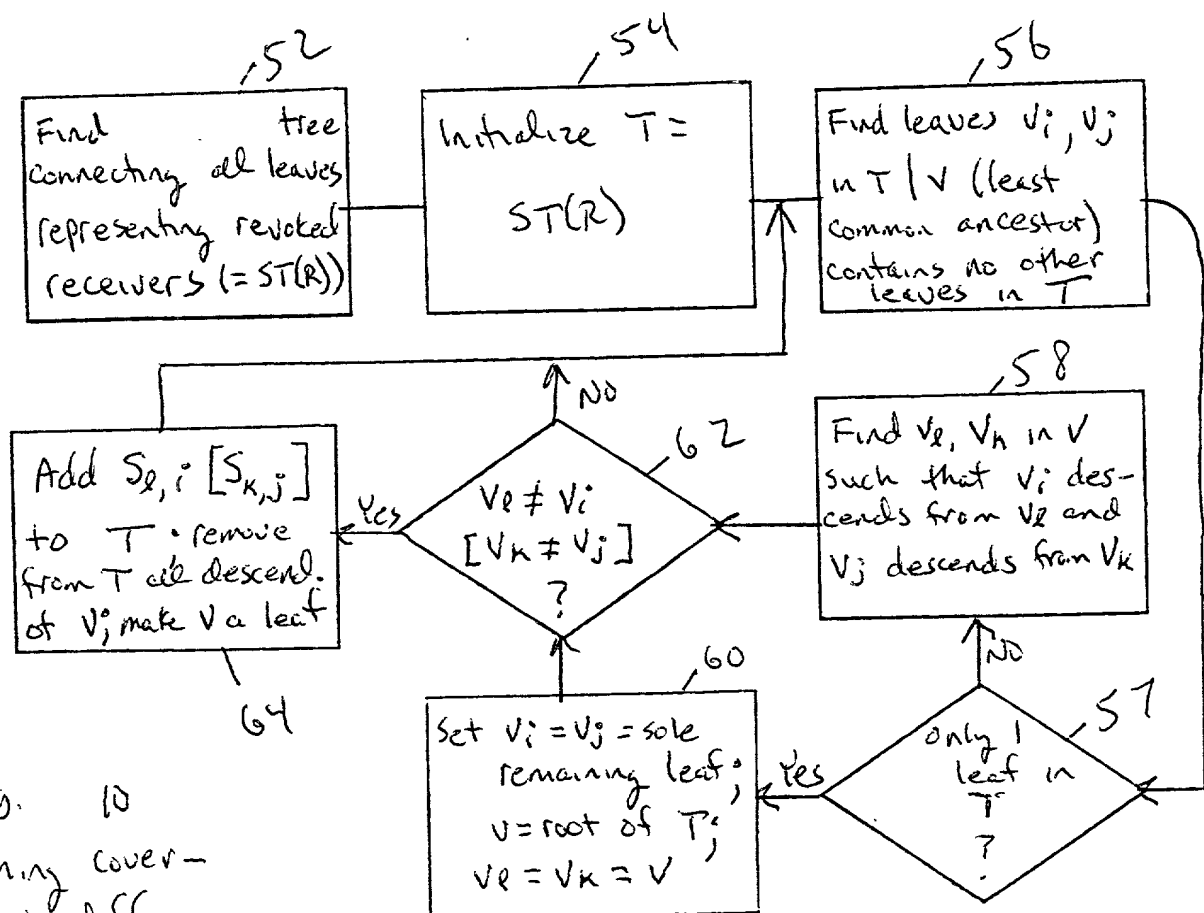


Fig. 10
defining cover-subset difference

Fig. 11- key assignment-subset difference

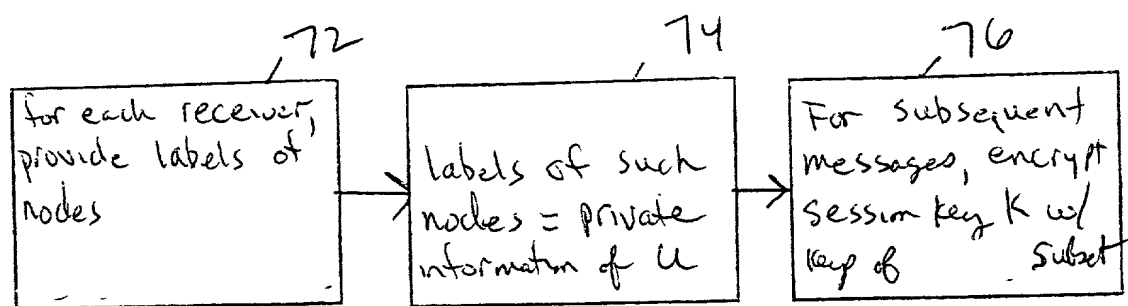


Fig. 12- decryption, subset difference

